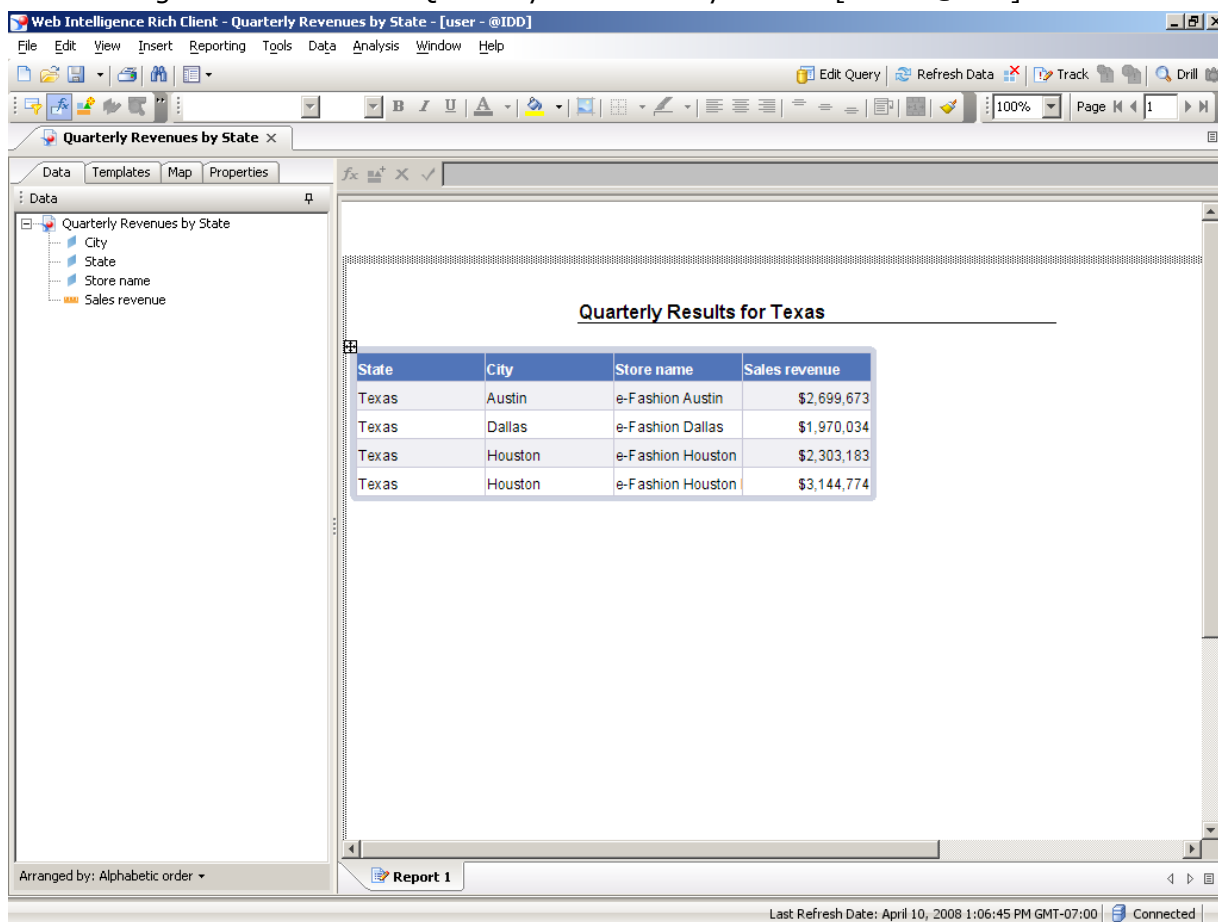


## Saving the formula as a variable

### Procedure

1. Start the transaction using the menu path or transaction code.

### Web Intelligence Rich Client - Quarterly Revenues by State - [user - @IDD]



The screenshot shows the Web Intelligence Rich Client interface. The title bar reads 'Web Intelligence Rich Client - Quarterly Revenues by State - [user - @IDD]'. The menu bar includes File, Edit, View, Insert, Reporting, Tools, Data, Analysis, Window, and Help. The toolbar contains icons for Edit Query, Refresh Data, Track, Drill, and other functions. The main window displays a report titled 'Quarterly Results for Texas'. The report is structured as a table with the following data:

State	City	Store name	Sales revenue
Texas	Austin	e-Fashion Austin	\$2,699,673
Texas	Dallas	e-Fashion Dallas	\$1,970,034
Texas	Houston	e-Fashion Houston	\$2,303,183
Texas	Houston	e-Fashion Houston	\$3,144,774

The left pane shows the 'Data' tab with a tree view containing 'Quarterly Revenues by State', 'City', 'State', 'Store name', and 'Sales revenue'. The bottom status bar indicates 'Last Refresh Date: April 10, 2008 1:06:45 PM GMT-07:00' and 'Connected'.

2. Click **Show/Hide Formula Toolbar** 

In this lesson, you will define a formula as a variable in the report.

This is useful if you want to use the formula repeatedly in the document, in different blocks of data, or in the different reports that may be contained in the Web Intelligence document.

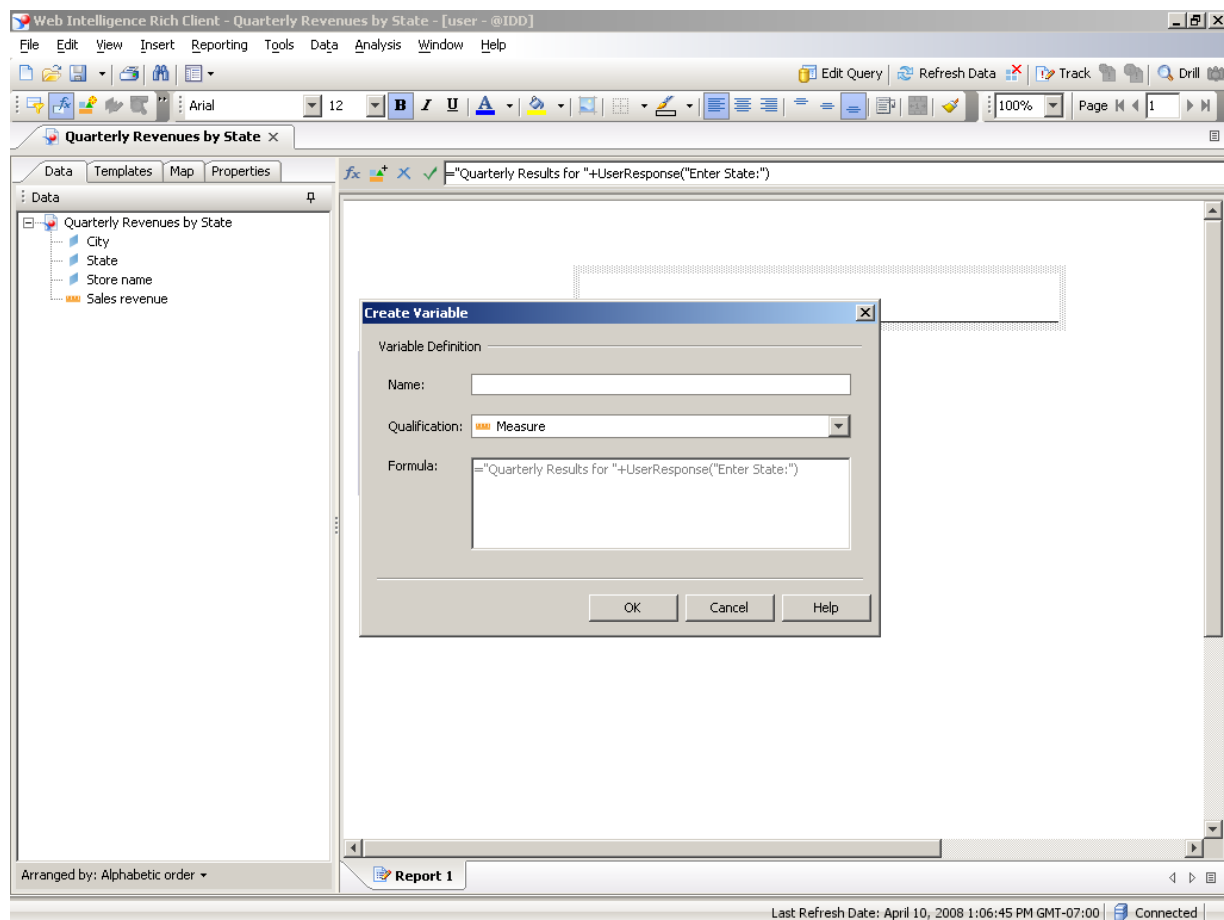
## Saving the formula as a variable

3. Click the **Report Title**.
4. Click the **Formula** textbox.

The formula definition appears in the Formula toolbar.

5. Click **Create Variable** .

### Create Variable



6. As required, complete/review the following fields:

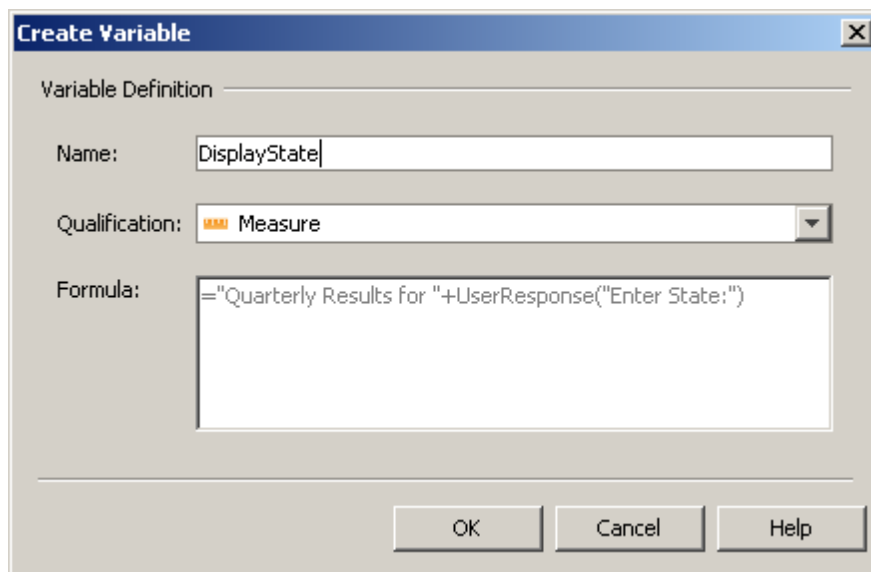
## Saving the formula as a variable

Field	R/O/C	Description
	R	<b>Example:</b> DisplayState


When you give the new variable a name, think of a term that describes the data that the formula displays in the report.

In this case, the formula captures the user's response to the prompt to choose a state.

### Create Variable



The 'Create Variable' dialog box is shown. It has a title bar 'Create Variable' with a close button. Inside, there is a 'Variable Definition' section. The 'Name' field contains 'DisplayState'. The 'Qualification' field is a dropdown menu showing 'Measure' with a small icon to its left. The 'Formula' field contains the text: `= "Quarterly Results for " + UserResponse("Enter State: ")`. At the bottom, there are three buttons: 'OK', 'Cancel', and 'Help'.

- Click the button to the right of the **Qualification:**  field.

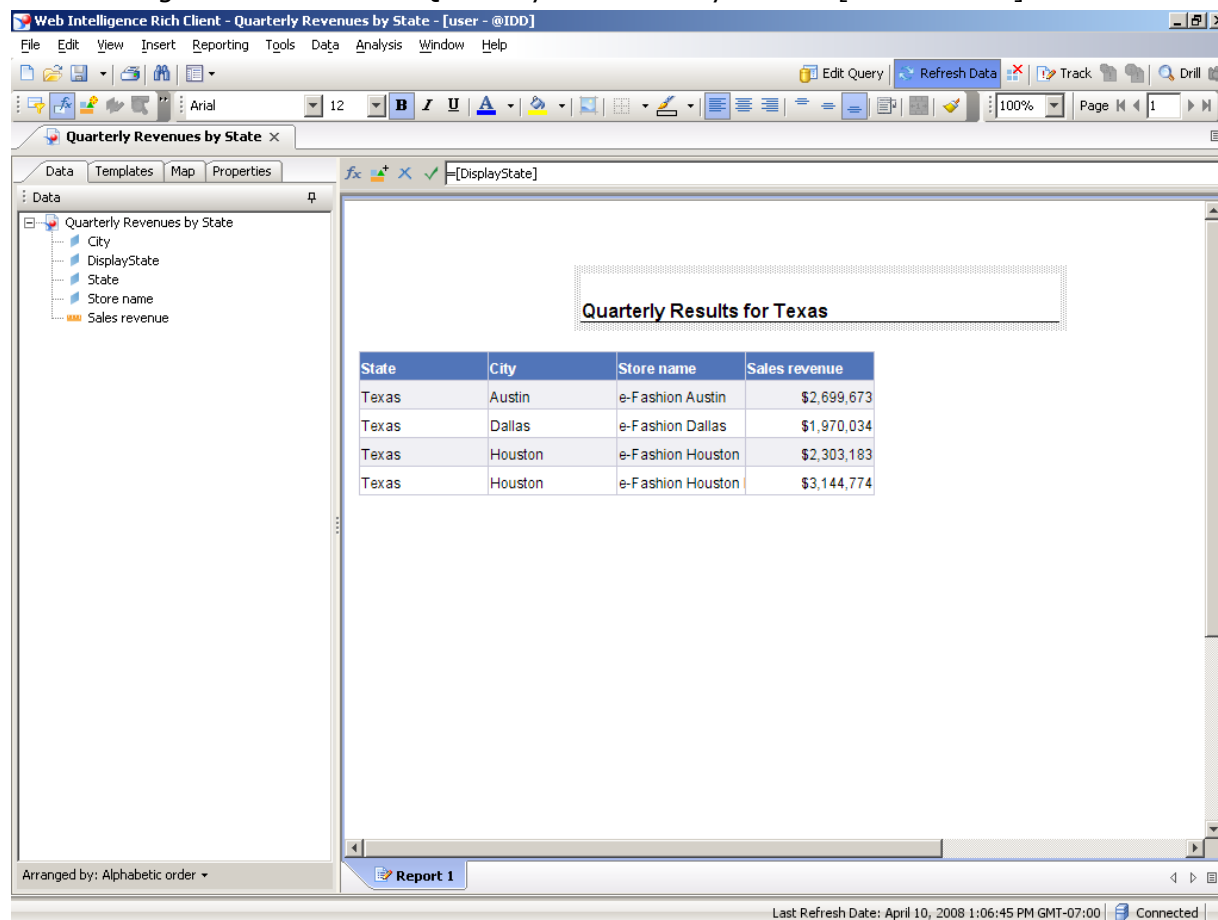
You should verify that the Qualification has the correct object type: In this case, State is a dimension object.

- Click **Dimension**.
- Click **OK**.

## Saving the formula as a variable

In the Formula text zone, check that the formula is correct as defined.

### Web Intelligence Rich Client - Quarterly Revenues by State - [user - @IDD]



Quarterly Results for Texas

State	City	Store name	Sales revenue
Texas	Austin	e-Fashion Austin	\$2,699,673
Texas	Dallas	e-Fashion Dallas	\$1,970,034
Texas	Houston	e-Fashion Houston	\$2,303,183
Texas	Houston	e-Fashion Houston	\$3,144,774

Arranged by: Alphabetic order

Report 1

Last Refresh Date: April 10, 2008 1:06:45 PM GMT-07:00 Connected

10. Press [Enter] to continue.

You can see that the new variable you have created, "DisplayState" now appears in the list of objects and variables you can use to display data in this document.

You can now use this variable in tables and charts in other reports in the document.

Press **[Enter]** to continue.

## Saving the formula as a variable

### Web Intelligence Rich Client - Quarterly Revenues by State - [user - @IDD]

The screenshot shows the Business Objects Web Intelligence Rich Client interface. The main window displays a report titled "Quarterly Revenues by State". The report is structured as a table with the following data:

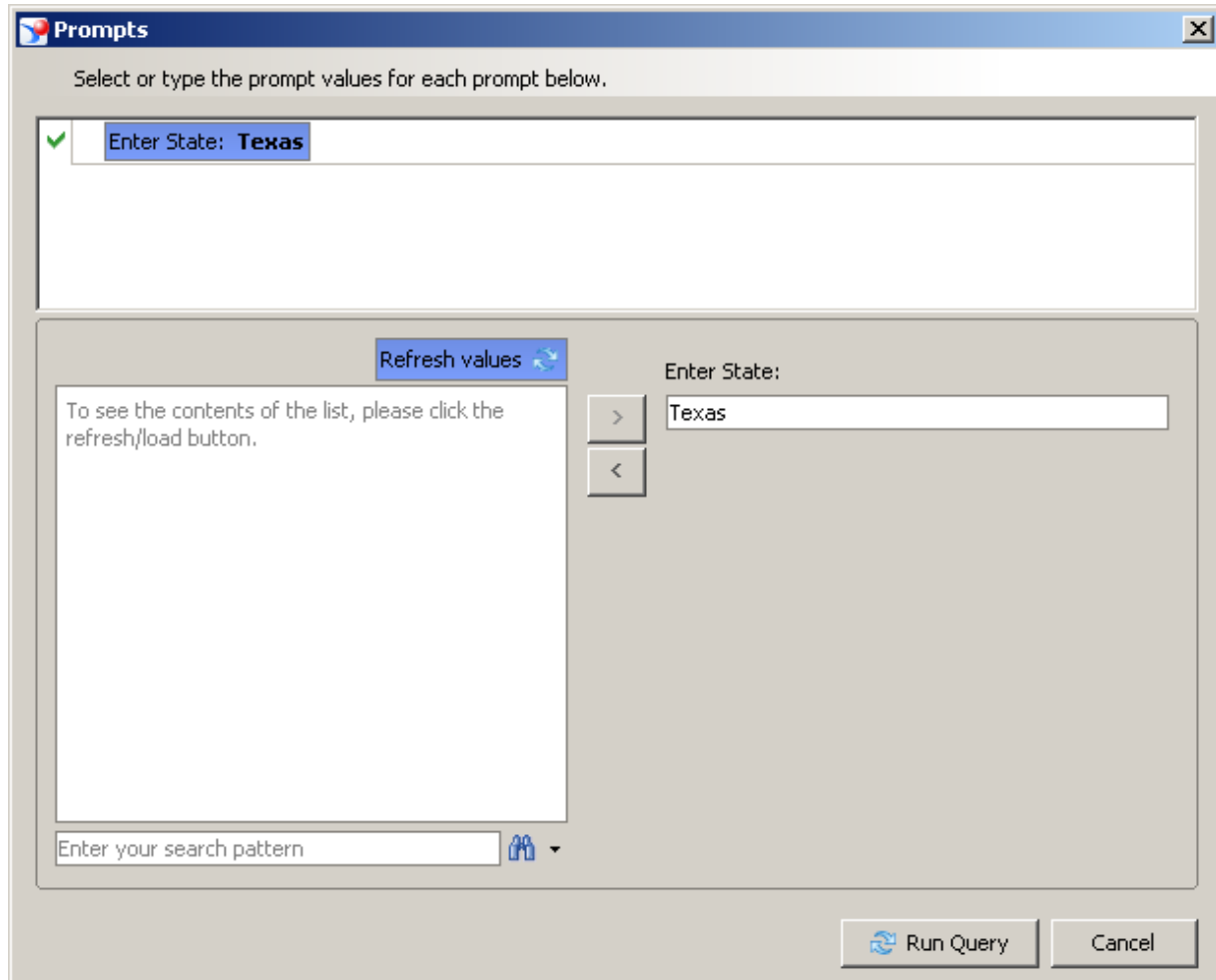
State	City	Store name	Sales revenue
Texas	Austin	e-Fashion Austin	\$2,699,673
Texas	Dallas	e-Fashion Dallas	\$1,970,034
Texas	Houston	e-Fashion Houston	\$2,303,183
Texas	Houston	e-Fashion Houston	\$3,144,774

The interface includes a menu bar (File, Edit, View, Insert, Reporting, Tools, Data, Analysis, Window, Help) and a toolbar with buttons for "Edit Query", "Refresh Data", "Track", "Drill", and "Print". The sidebar on the left shows a tree view of the report structure, including "Quarterly Revenues by State", "City", "DisplayState", "State", "Store name", and "Sales revenue". The status bar at the bottom indicates "Last Refresh Date: April 10, 2008 1:06:45 PM GMT-07:00" and "Connected".

11. Click **Refresh Data**.

## Saving the formula as a variable

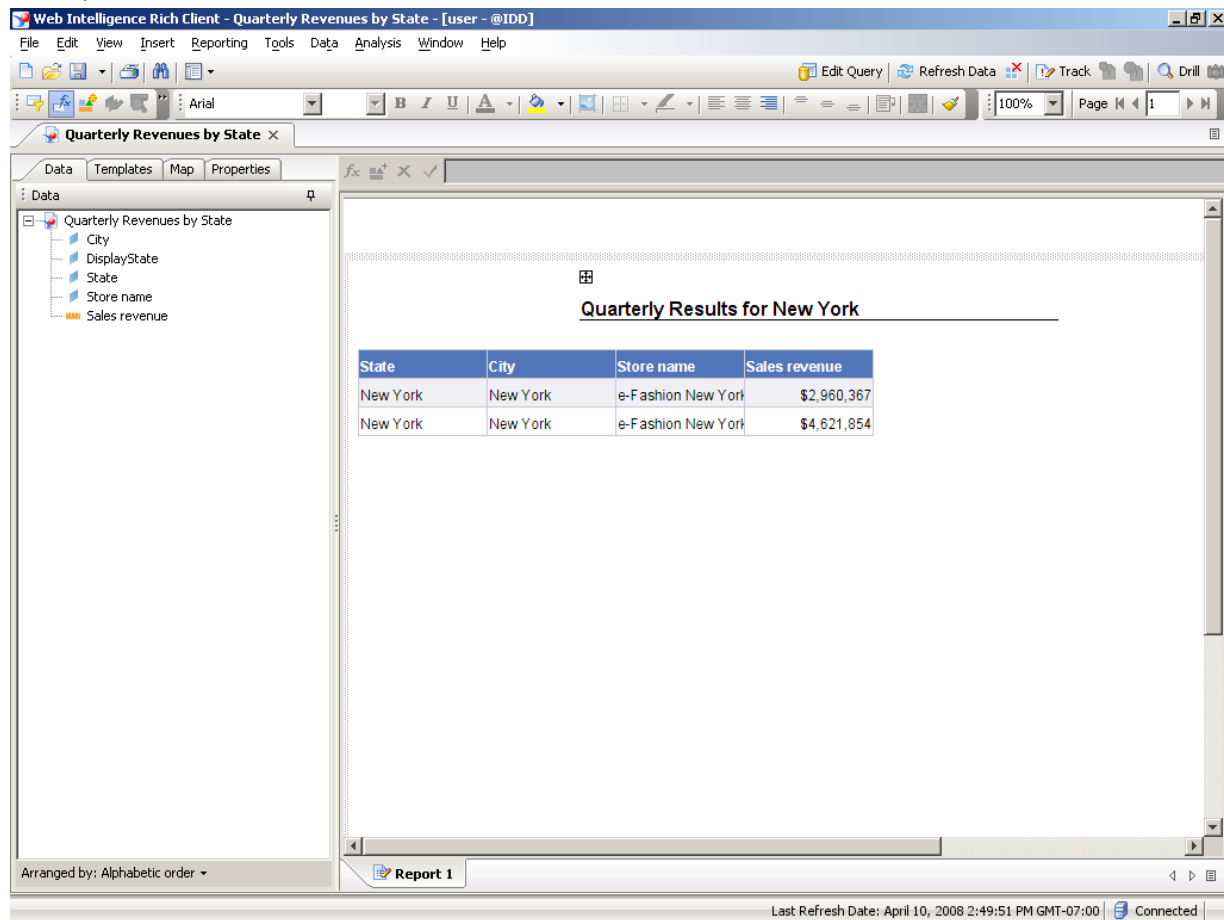
### Prompts



12. Click **Refresh values**.
13. Double-click **New York**.
14. Click **Run Query**.

## Saving the formula as a variable

### Prompts



Web Intelligence Rich Client - Quarterly Revenues by State - [user - @IDD]

File Edit View Insert Reporting Tools Data Analysis Window Help

Quarterly Revenues by State

Data Templates Map Properties

Quarterly Revenues by State

- City
- DisplayState
- State
- Store name
- Sales revenue

Quarterly Results for New York

State	City	Store name	Sales revenue
New York	New York	e-Fashion New York	\$2,960,367
New York	New York	e-Fashion New York	\$4,621,854

Report 1

Arranged by: Alphabetic order

Last Refresh Date: April 10, 2008 2:49:51 PM GMT-07:00 Connected

15. Press [Enter] to continue.

Press **[Enter]** to continue.